

CH-HPBC-HPBD-08-0100-AA

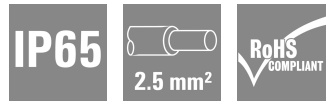
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The increasingly networked industrial world goes hand in hand with the modularization of machines and systems. Functions from the control cabinet are increasingly being moved to field level, which drives up the amount of cabling required.

Our ready-for-connection cable assemblies can be used wiring in field level and for transmitting data or power in various applications. The Plug & Produce solution by Weidmüller are fully tested and will lead to simplification of assembly on your machine. This allows you to focus on your core competencies and further increase your efficiency.

With our broad product portfolio of certified components, we offer you a wide diversification so that we can provide you the perfect solution for your application.

If you cannot find the cable assembly you are looking for despite our continuously growing portfolio, we can also offer you different length variants and customer-specific solutions.

General ordering data

Version	Heavy duty connector assemblies, Pin, Socket connector, Helukabel JZ-500 10G2.5 or similar, Shielded: No, Number of poles: 8
Order No.	2712450100
Type	CH-HPBC-HPBD-08-0100-AA
GTIN (EAN)	4050118779714
Qty.	1 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Net weight	515.42 g
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Temperatures

Limit temperature	-40 °C ... 80 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3, 6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol 119-47-1
SCIP	1344e4a2-b558-4ad0-95d1-5c6df3fdd75e

General Technical Data

Number of poles	8	Pin arrangement	1:1, numbered cores
Nominal voltage	500 V	Nominal current	16 A
Protection degree	IP65		

Technical Specifications Connector

Connector	Connector description	Connector 1
	Cable entry	angled
	Housing main material	Plastic
	Number of poles	8
	Series	HQ
	Size	HQ
	Type	Male
	Individual components connector	HDC HQP TSLU 1PG16 , HDC HQ 8 MC , HDC-C-HE-SM2.5AG , VG 16 HQ K68 11.5-15.5
	Connector description	Connector 2
	Cable entry	angled
	Housing main material	Plastic
	Number of poles	8
	Series	HQ
	Size	HQ
	Type	Female
	Individual components connector	HDC HQP TSLU 1PG16 , HDC HQ 8 FC , HDC-C-HE-BM2.5AG , VG 16 HQ K68 11.5-15.5

Technical specifications for cable

Cable length	1 m	Line type	Helukabel JZ-500 10G2.5 or similar
Sheathing colour	grey	Core cross-section	2.5 mm ²
Number of wires	10	Shielded	No
Halogen	Yes	Insulation	PVC
Temperature range, moving, max.	80 °C	Temperature range, moving, min.	-15 °C
Temperature range, stationary, max.	80 °C	Temperature range, stationary, min.	-40 °C

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Technical data

Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Sheath material	PVC	Outside diameter	14.8 mm

Classifications

ETIM 8.0	EC001576	ETIM 9.0	EC001576
ETIM 10.0	EC001576	ECLASS 14.0	27-06-04-02
ECLASS 15.0	27-06-04-02		